

## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

What is claimed is:

1. (Withdrawn) Genes for diagnosing colorectal cancer, the gene sequences searching comprising the steps of:

- (1) deriving epithelium cells from normal intestines, polypus of intestines and colorectal cancer tissue;
- (2) collecting genes with highly differential gene expression by Suppression Subtractive Hybridization (SSH), and building library ;
- (3) deriving colonies with relatively high signal intensities from cancer tissue;
- (4) collecting more clinically cancer tissues by Northern Hybridization, real-time Polymerase Chain Reaction (PCR) combined with analysis of bioinformation to affirm variation between differential gene expression; and
- (5) selecting the most suitable genes from said library.

2. (Currently amended) Genes for diagnosing colorectal cancer, the gene sequence[[s]] ~~are selected from the group~~ consisting of a gene sequence as set forth in Sig. ID No. 5.

3. (Withdrawn) The genes for diagnosing colorectal cancer according to claim 2, wherein said gene sequences are to a testing reagent for detecting colorectal cancer.

4. (Currently Amended) The genes for diagnosing colorectal cancer according to claim 2, wherein said gene sequence[[s]] ~~are~~ is present on a testing biochip for detecting colorectal cancer.

5. (Withdrawn) The genes for diagnosing colorectal cancer according to claim 2, wherein said gene sequences are to a medicine for detecting colorectal cancer.

6. (Withdrawn) The genes for diagnosing colorectal cancer according to claim 2, wherein

said gene sequences are to a protein testing reagent for detecting colorectal cancer.

7. (Withdrawn) The genes for diagnosing colorectal cancer according to claim 2, wherein said gene sequences are to a protein for curing medicine of colorectal cancer.
8. (Withdrawn) The genes for diagnosing colorectal cancer according to claim 2, wherein said gene sequences are to a vaccine for detecting colorectal cancer.
9. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.107213 and Acc No.: BC027178.
10. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.123107 and Acc No.: NM\_002257.
11. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.1369 and Acc No.: NM\_000574.
12. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.151254 and Acc No.: NM\_005046.
13. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.1526 and Acc No.: NM\_001681.
14. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.184270 and Acc No.: NM\_006135.
15. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.2043 and Acc No.: NM\_001151.
16. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.267871 and Acc No.: NM\_005177.

17. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.4935 and Acc No.: D79998.
18. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.5509 and Acc No.: NM\_006495.
19. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.5662 and Acc No.: NM\_006098.
20. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.75990 and Acc No.: NM\_005143.
21. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.83384 and Acc No.: NM\_006272.
22. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.10029 and Acc No.: NM\_001814.
23. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.103982 and Acc No.: NM\_005409.
24. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.12314 and Acc No.: AL049397.
25. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.150557 and Acc No.: NM\_001206.
26. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in  
HS ID: Hs.169266 and Acc No.: NM\_000909.

27. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.1827 and Acc No.: NM\_002507.
28. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.1869 and Acc No.: NM\_002633.
29. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.194148 and Acc No.: NM\_005433.
30. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.2352 and Acc No.: X74210.
31. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.246885 and Acc No.: NM\_017958.
32. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.29665 and Acc No.: NM\_014944.
33. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.3235 and Acc No.: NM\_002272.
34. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.55209 and Acc No.: AF327354.
35. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.585 and Acc No.: NM\_000384.
36. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.62187 and Acc No.: AF022913.
37. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set

forth in HS ID: Hs.63290 and Acc No.: NM\_012260.

38. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.699 and Acc No.: NM\_000942.
39. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.74111 and Acc No.: NM\_007367.
40. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.75103 and Acc No.: NM\_003406.
41. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.75117 and Acc No.: NM\_004515.
42. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.75236 and Acc No.: NM\_021952.
43. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.75258 and Acc No.: NM\_004893.
44. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.75498 and Acc No.: NM\_004591.
45. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.76913 and Acc No.: NM\_002790.
46. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.79889 and Acc No.: NM\_012329.
47. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.82173 and Acc No.: NM\_005655.

48. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.84072 and Acc No.: NM\_004616.
49. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.85146 and Acc No.: NM\_005239.
50. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.85844 and Acc No.: NM\_002529.
51. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID Hs.88219; and Acc No.: NM\_003454.
52. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.9914 and Acc No.: NM\_006350.
53. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.169319 and Acc No.: NM\_003419.
54. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.72805 and Acc No.: NM\_030921.
55. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.108301 and Acc No.: NM\_003297.
56. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.177926 and Acc No.: NM\_030941.
57. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.194746 and Acc No.: NM\_018896.

58. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.209061 and Acc No.: NM\_003831.
59. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID : Hs.25087 and Acc No.: NM\_006070.
60. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.3017 and Acc No.: NM\_003284.
61. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID Hs.283664; and Acc No.: NM\_032466.
62. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.283664 and Acc No.: NM\_032467.
63. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.171992 and Acc No: NM\_002843.
64. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.155172 and Acc No: NM\_003664.
65. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.183418 and Acc No: M37712.
66. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.244473 and Acc No: NM\_031900.
67. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.12835 and Acc No: NM\_004842.
68. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence

as set forth in HS ID: Hs.1650 and Acc No: NM\_000111.

69. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.29981 and Acc No.: NM\_000112.
70. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.2246 and Acc No.: NM\_001308.
71. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.267871 and Acc No.: NM\_005177.
72. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.75445 and Acc No.: NM\_004684.
73. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.39957 and Acc No.: NM\_016445.
74. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.65029 and Acc No.: NM\_002048.
75. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.239926 and Acc No.: NM\_006745.
76. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.59271 and Acc No.: NM\_006758.
77. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.8867 and Acc No.: NM\_001554.
78. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.50123 and Acc No.: NM\_003452.



79. (Withdrawn) Genes for diagnosing colorectal cancer, a gene sequence as set forth in HS ID: Hs.82071 and Acc No.: NM\_006079.